

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P180492

Luminaire Tested: **ICM-F04-LED-E1-SL2-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180492
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-F04-LED-E1-SL2-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8571.3 lumens
Efficiency: N/A
Efficacy: 83.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 102.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

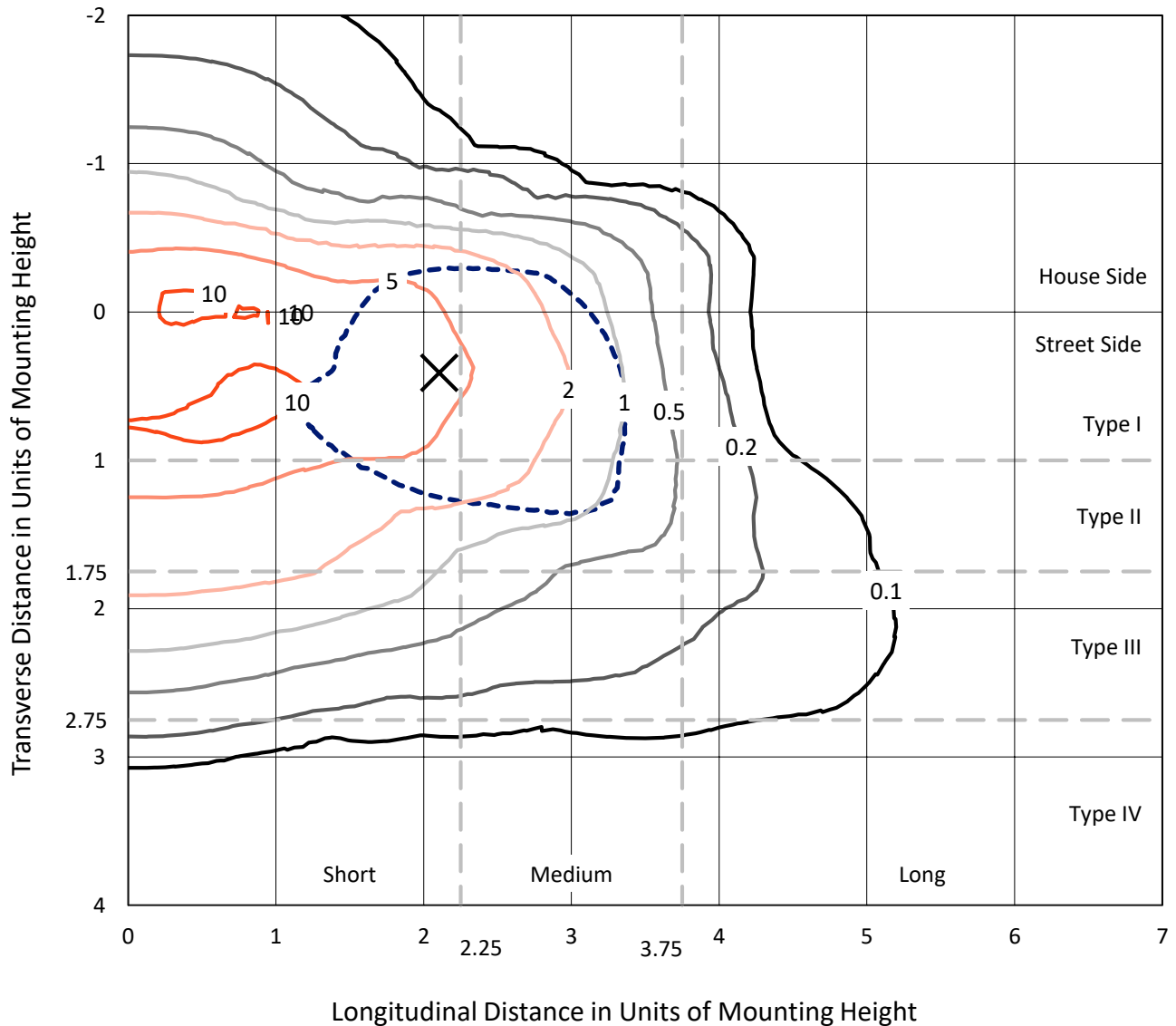


REPORT NUMBER: P180492

CATALOG NUMBER: ICM-F04-LED-E1-SL2-7030

Iso-Footcandle Lines of Horizontal Illumination

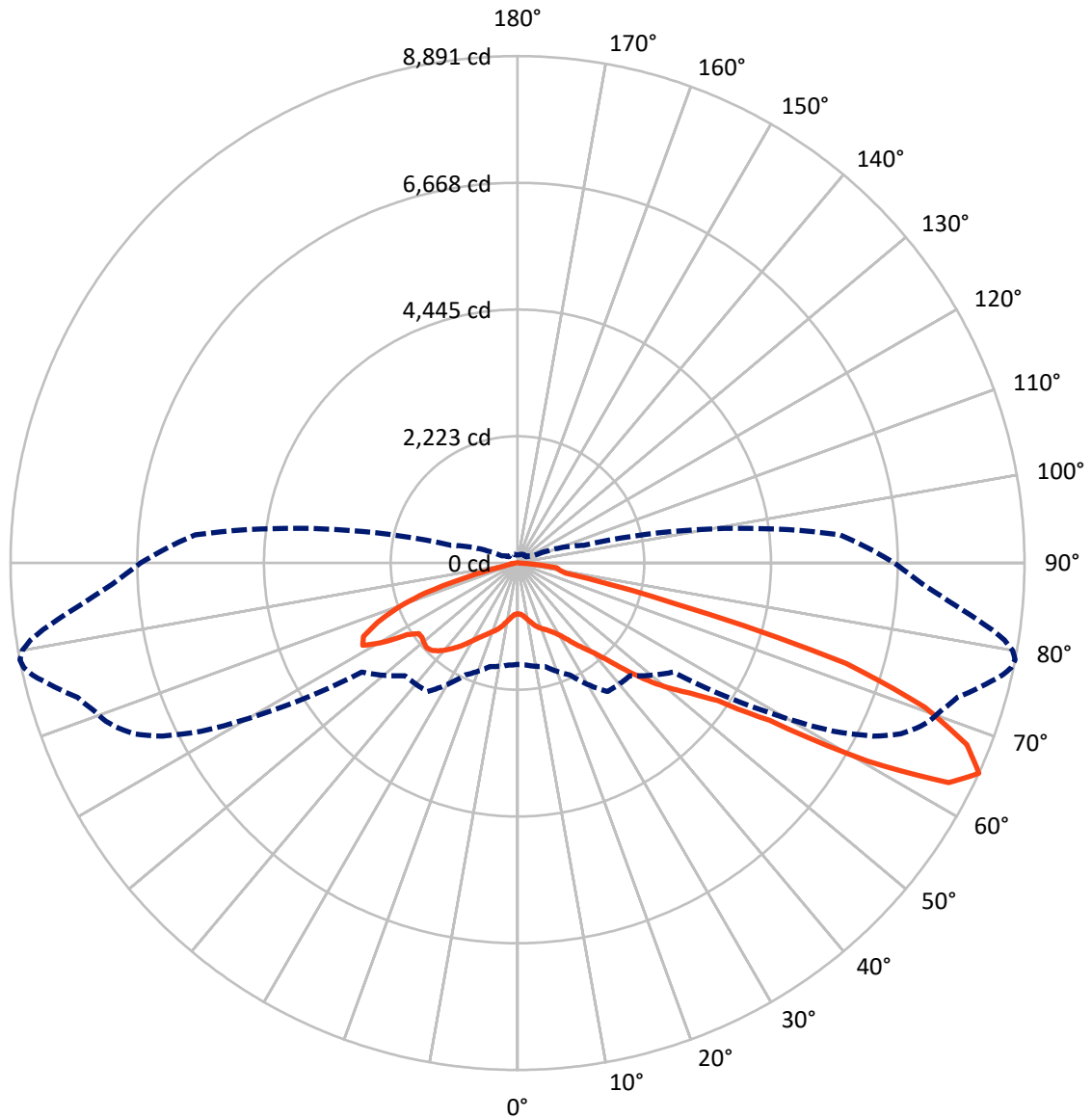
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.8 fc
 Type II - Short - Non-Cutoff

REPORT NUMBER: P180492
CATALOG NUMBER: ICM-F04-LED-E1-SL2-7030

Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P180492

CATALOG NUMBER: ICM-F04-LED-E1-SL2-7030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2026.2	0.0	2026.2
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	6545.1	0.0	6545.1
	% Fixture	76.4	0.0	76.4
Total	Lumens	8571.3	0.0	8571.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.7	1.0
10°-20°	290.0	3.4
20°-30°	500.9	5.8
30°-40°	829.1	9.7
40°-50°	1406.1	16.4
50°-60°	1868.3	21.8
60°-70°	2413.4	28.2
70°-80°	1012.2	11.8
80°-90°	162.6	1.9
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	8571.3	100.0
0°-180°	8571.3	100.0



REPORT NUMBER: P180492

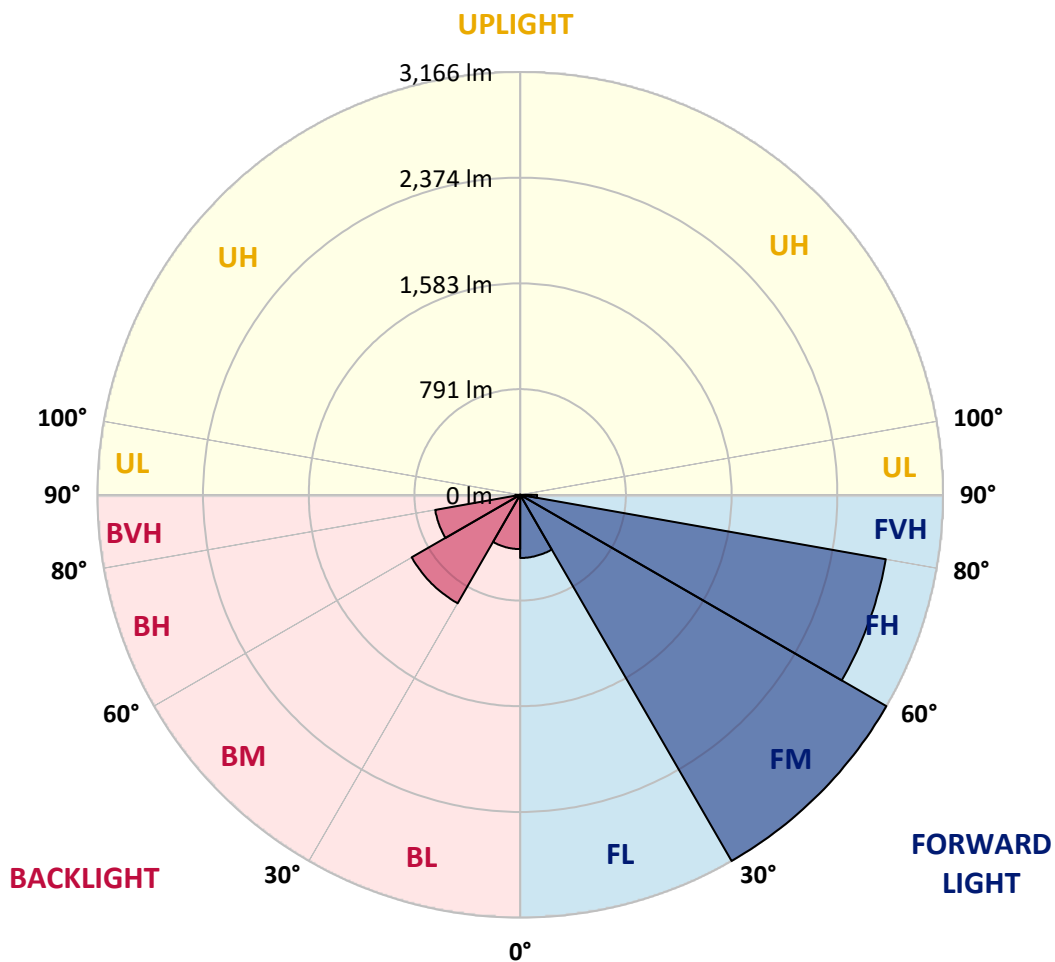
CATALOG NUMBER: ICM-F04-LED-E1-SL2-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	472.9	5.5			
FM	(30°-60°)	3165.6	36.9			
FH	(60°-80°)	2779.4	32.4			G2/5000
FVH	(80°-90°)	127.1	1.5			G2/225
BL	(0°-30°)	406.6	4.7	B1/500		
BM	(30°-60°)	937.9	10.9	B1/1000		
BH	(60°-80°)	646.2	7.5	B2/1000		G2/1000
BVH	(80°-90°)	35.5	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short





REPORT NUMBER: P180492

CATALOG NUMBER: ICM-F04-LED-E1-SL2-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2
2.5°	889.4	892.2	890.3	892.2	894.1	895.0	896.8	895.9	895.9	896.8	895.0
5°	889.4	889.4	892.2	896.8	898.7	904.3	910.9	910.0	910.9	910.0	911.8
7.5°	908.1	907.2	910.0	915.5	917.4	925.9	937.0	938.9	940.8	940.8	943.6
10°	940.8	939.9	942.7	945.5	948.3	954.8	970.7	977.3	978.2	979.2	982.9
12.5°	982.0	981.0	977.3	977.3	976.4	988.5	1010.1	1022.1	1024.0	1027.8	1030.6
15°	1011.0	1008.1	1002.5	998.8	1003.4	1023.1	1054.9	1068.9	1070.8	1073.6	1081.1
17.5°	1039.0	1036.2	1024.0	1014.7	1021.2	1053.0	1096.0	1111.0	1114.7	1117.6	1126.0
20°	1078.2	1076.4	1058.6	1036.2	1034.3	1075.4	1127.8	1147.4	1150.2	1154.1	1162.4
22.5°	1138.1	1129.7	1109.1	1067.1	1046.5	1088.6	1150.2	1177.4	1181.1	1184.8	1196.1
25°	1212.9	1209.2	1173.7	1109.1	1066.1	1101.7	1174.6	1208.3	1213.9	1218.5	1233.5
27.5°	1290.5	1284.9	1246.6	1162.4	1100.8	1127.8	1212.9	1251.3	1258.8	1266.2	1280.3
30°	1359.7	1357.9	1326.1	1234.4	1156.8	1177.4	1274.7	1321.4	1329.9	1339.2	1352.3
32.5°	1522.5	1523.5	1490.7	1397.2	1292.5	1267.2	1363.5	1433.7	1437.4	1448.6	1472.0
35°	1833.9	1837.7	1825.5	1751.6	1633.8	1530.0	1539.4	1608.6	1612.3	1621.6	1644.1
37.5°	2042.4	2050.0	2087.4	2110.7	2050.9	2003.2	1884.4	1857.3	1860.1	1854.5	1849.8
40°	2157.5	2168.7	2266.9	2388.5	2454.0	2454.9	2403.5	2283.7	2237.9	2224.9	2168.7
42.5°	2223.0	2241.7	2381.0	2588.6	2776.6	2905.6	2937.4	2804.7	2771.0	2711.1	2603.6
45°	2266.0	2288.4	2453.0	2737.3	3014.2	3233.9	3399.5	3340.5	3318.1	3281.6	3182.4
47.5°	2258.5	2276.3	2447.4	2787.8	3138.5	3450.8	3744.5	3805.3	3778.2	3768.9	3701.5
50°	2122.0	2137.9	2311.8	2662.5	3070.3	3533.1	3963.4	4135.4	4135.4	4153.1	4132.6
52.5°	1976.1	1989.1	2147.2	2462.3	2849.5	3452.8	4085.0	4370.2	4407.6	4438.4	4487.0
55°	1920.8	1936.8	2056.5	2325.8	2661.6	3222.6	4126.1	4546.0	4615.2	4667.6	4777.9
57.5°	1947.1	1963.0	2048.1	2251.9	2551.2	2987.9	4127.9	4782.5	4916.3	5023.8	5247.4
60°	2060.2	2075.2	2146.2	2320.2	2522.2	2852.3	4048.5	5159.5	5372.7	5574.6	5946.9
62.5°	2007.8	2026.5	2130.3	2433.4	2738.2	2749.5	3761.3	5451.2	5794.5	6092.8	6684.8
65°	1778.7	1798.3	1879.7	2163.1	2751.4	2794.3	3335.8	5456.9	5883.3	6286.4	6925.1
67.5°	1350.4	1357.9	1422.4	1649.7	2200.5	2843.9	2898.2	4810.6	5216.5	5666.4	6325.6
70°	690.1	703.3	722.0	910.9	1416.8	2350.2	2490.4	3545.3	4062.4	4527.3	5319.4
72.5°	239.4	244.1	262.8	347.9	690.1	1542.1	2179.9	2429.6	2742.0	3176.9	4094.3
75°	144.0	144.0	150.6	175.8	315.2	803.4	1939.5	1984.5	2026.5	2172.5	2772.9
77.5°	114.0	116.0	116.0	120.7	174.9	412.4	1472.9	1845.1	1850.7	1864.8	1965.8
80°	81.4	85.1	92.6	96.3	113.1	226.3	826.7	1619.7	1730.2	1783.5	1857.3
82.5°	60.7	64.6	78.5	83.3	87.9	126.2	371.3	1117.6	1318.6	1425.2	1685.2
85°	27.2	31.8	53.3	58.9	61.8	67.3	174.0	318.0	365.7	410.5	541.5
87.5°	4.7	4.7	8.4	12.2	17.8	16.8	38.3	54.2	55.2	64.6	72.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P180492

CATALOG NUMBER: ICM-F04-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2
2.5°	895.0	895.0	895.0	894.1	895.0	895.0	895.0	895.0	895.9	895.9	895.9
5°	914.6	912.7	913.7	913.7	913.7	912.7	914.6	913.7	914.6	917.4	916.5
7.5°	943.6	945.5	946.4	947.4	947.4	947.4	948.3	950.1	950.1	952.9	952.0
10°	986.6	985.7	986.6	989.4	992.2	993.2	996.0	995.1	996.9	1000.7	1004.4
12.5°	1032.5	1034.3	1037.1	1039.9	1044.6	1045.6	1048.4	1049.3	1054.9	1054.9	1058.6
15°	1083.9	1084.8	1090.4	1091.4	1096.9	1098.9	1103.5	1105.4	1111.9	1112.8	1116.7
17.5°	1130.6	1132.5	1135.4	1138.1	1144.7	1147.4	1151.3	1155.0	1160.6	1162.4	1169.0
20°	1168.1	1171.8	1172.8	1178.3	1183.9	1187.7	1191.4	1195.2	1200.8	1203.6	1210.1
22.5°	1201.7	1205.5	1208.3	1212.9	1216.7	1222.3	1224.2	1230.7	1236.3	1241.0	1246.6
25°	1238.1	1243.8	1246.6	1255.0	1257.9	1263.4	1268.1	1274.7	1282.1	1287.7	1295.3
27.5°	1289.6	1298.1	1301.8	1311.2	1317.7	1320.5	1328.0	1337.3	1343.9	1350.4	1357.9
30°	1360.7	1376.6	1379.5	1386.0	1398.1	1400.0	1409.3	1416.8	1427.1	1433.7	1440.2
32.5°	1471.1	1490.7	1492.6	1500.0	1510.3	1514.1	1521.6	1530.0	1545.9	1548.7	1559.0
35°	1640.3	1648.8	1656.2	1659.0	1667.5	1672.1	1677.8	1687.1	1703.0	1701.1	1712.3
37.5°	1843.3	1846.1	1847.0	1837.7	1839.5	1831.1	1841.4	1843.3	1848.8	1853.6	1864.8
40°	2133.1	2104.2	2100.5	2078.0	2055.5	2043.4	2038.7	2020.0	2024.7	2026.5	2035.9
42.5°	2556.9	2500.7	2454.0	2422.2	2367.0	2339.8	2303.4	2274.3	2251.9	2260.4	2264.1
45°	3093.6	3013.2	2938.3	2841.1	2769.1	2717.7	2653.1	2595.2	2568.9	2556.9	2571.7
47.5°	3629.5	3558.4	3470.5	3370.4	3256.3	3171.3	3063.6	2969.2	2903.7	2879.5	2892.6
50°	4092.4	4026.9	3960.5	3901.6	3768.9	3676.2	3529.4	3406.9	3304.0	3251.6	3237.6
52.5°	4476.8	4442.2	4406.6	4357.0	4250.4	4157.9	4041.0	3920.3	3783.7	3677.1	3640.7
55°	4819.9	4840.6	4822.8	4823.8	4781.6	4722.7	4623.6	4533.8	4438.4	4317.8	4267.3
57.5°	5320.3	5441.9	5466.2	5527.0	5556.9	5588.7	5616.8	5563.5	5539.1	5449.3	5450.3
60°	6108.7	6286.4	6440.7	6581.0	6695.9	6808.2	6926.0	6978.4	7036.4	7063.5	7156.0
62.5°	6947.6	7116.8	7346.8	7534.8	7640.5	7786.4	7914.6	7997.7	8099.7	8208.1	8349.4
65°	7155.1	7359.0	7504.0	7629.3	7734.0	7811.7	7881.8	7980.9	8066.0	8238.1	8404.6
67.5°	6623.0	6785.7	6918.6	7042.0	7123.4	7188.8	7251.5	7317.0	7462.8	7619.0	7786.4
70°	5685.1	5881.4	6101.2	6261.1	6301.3	6357.4	6417.2	6502.4	6575.3	6739.0	6866.2
72.5°	4567.5	4849.9	5036.0	5257.6	5305.3	5390.5	5424.1	5490.5	5503.6	5592.4	5626.1
75°	3183.4	3507.0	3694.0	3856.8	3888.5	3841.8	3860.5	3625.7	3565.9	3517.2	3478.0
77.5°	2101.4	2188.4	2218.2	2192.1	2066.8	1968.6	1863.8	1760.9	1772.2	1688.9	1543.1
80°	1868.5	1888.2	1861.0	1834.8	1762.8	1660.0	1565.5	1469.2	1421.5	1371.0	1296.2
82.5°	1818.1	1893.8	1902.2	1870.3	1813.3	1701.1	1587.0	1443.9	1322.3	1210.1	1096.0
85°	607.9	739.7	798.6	853.9	870.7	890.3	823.0	731.4	620.9	547.1	428.3
87.5°	77.6	96.3	111.3	95.3	111.3	130.9	94.4	105.7	106.6	66.4	49.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P180492

CATALOG NUMBER: ICM-F04-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2
2.5°	896.8	895.9	895.9	895.9	895.0	895.9	895.9	895.9	895.9	895.9	895.0
5°	917.4	917.4	920.2	921.1	919.3	918.3	919.3	920.2	920.2	919.3	920.2
7.5°	955.7	956.7	958.6	961.4	959.5	960.5	961.4	960.5	963.3	964.2	963.3
10°	1004.4	1006.2	1011.0	1011.9	1011.0	1014.7	1015.6	1013.8	1015.6	1015.6	1019.4
12.5°	1060.5	1062.3	1068.0	1069.9	1071.7	1072.7	1075.4	1076.4	1079.2	1081.1	1083.9
15°	1121.3	1123.2	1126.9	1133.5	1135.4	1137.2	1139.1	1144.7	1145.6	1149.3	1152.2
17.5°	1172.8	1175.5	1181.1	1185.9	1188.7	1193.3	1195.2	1201.7	1203.6	1209.2	1213.9
20°	1213.9	1218.5	1223.3	1228.8	1233.5	1239.2	1241.0	1247.5	1251.3	1254.1	1259.7
22.5°	1251.3	1256.9	1263.4	1270.0	1273.8	1281.2	1284.0	1286.8	1295.3	1299.0	1304.6
25°	1299.9	1305.5	1313.0	1321.4	1325.1	1334.5	1337.3	1342.0	1351.4	1355.1	1363.5
27.5°	1366.3	1373.8	1379.5	1387.8	1392.5	1399.1	1405.6	1411.2	1419.6	1425.2	1434.6
30°	1449.6	1455.2	1464.5	1471.1	1478.5	1487.9	1495.4	1500.9	1505.7	1514.1	1524.4
32.5°	1572.1	1573.0	1575.8	1591.7	1599.2	1606.6	1616.9	1621.6	1629.1	1637.5	1648.8
35°	1724.5	1732.9	1739.5	1746.9	1755.4	1763.7	1767.5	1781.5	1788.1	1799.3	1810.5
37.5°	1876.0	1876.9	1891.9	1896.6	1904.0	1912.5	1925.6	1939.5	1956.4	1967.6	1985.4
40°	2038.7	2046.2	2064.9	2074.2	2083.6	2104.2	2114.4	2136.9	2164.9	2180.9	2210.8
42.5°	2274.3	2285.6	2319.3	2334.2	2356.7	2390.3	2411.8	2442.7	2454.0	2492.3	2506.3
45°	2583.0	2617.6	2666.2	2698.1	2738.2	2774.7	2793.4	2807.5	2824.3	2854.3	2850.4
47.5°	2916.9	2961.8	3016.0	3081.4	3107.6	3150.6	3175.0	3202.1	3187.1	3179.6	3172.2
50°	3259.2	3311.6	3383.6	3442.4	3482.6	3508.9	3529.4	3525.7	3493.9	3477.0	3430.3
52.5°	3639.7	3670.6	3738.9	3789.4	3813.7	3819.3	3814.6	3786.6	3756.7	3703.4	3648.2
55°	4223.3	4209.3	4236.4	4259.8	4252.3	4278.5	4211.2	4185.0	4111.1	4041.9	3968.0
57.5°	5409.1	5427.8	5276.3	5208.1	5195.9	5220.2	5101.4	5086.5	4907.8	4885.4	4761.1
60°	7143.0	7234.6	7115.9	7049.4	6869.9	6811.0	6678.2	6623.0	6451.9	6313.4	6138.6
62.5°	8446.7	8529.9	8579.4	8485.0	8380.2	8225.9	8024.9	7802.3	7620.9	7408.6	7223.4
65°	8564.5	8732.8	8846.9	8890.8	8817.0	8647.7	8399.9	8119.3	7841.5	7575.0	7341.3
67.5°	8013.6	8164.2	8341.0	8499.0	8508.3	8398.0	8186.7	7901.4	7580.7	7251.5	6977.4
70°	7067.2	7256.1	7410.5	7576.9	7692.9	7629.3	7523.6	7261.7	6928.9	6672.6	6357.4
72.5°	5747.7	5827.2	5864.6	6028.2	6030.1	5914.2	5839.3	5694.4	5426.0	5244.6	5004.2
75°	3356.4	3181.5	2995.5	2833.6	2701.8	2646.6	2401.6	2360.4	2195.8	2093.9	1944.3
77.5°	1384.1	1227.9	1026.8	859.4	694.0	619.1	510.6	462.9	401.2	374.0	356.3
80°	1186.8	1039.0	887.5	742.5	613.5	484.5	376.8	292.7	230.0	195.4	181.4
82.5°	968.8	880.0	774.3	695.8	594.8	498.4	420.8	326.4	244.1	179.5	137.5
85°	349.8	287.1	231.0	212.3	169.3	139.3	116.9	100.1	82.3	65.5	58.0
87.5°	39.3	37.4	21.5	20.6	23.3	16.8	19.6	17.8	15.0	13.1	14.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P180492

CATALOG NUMBER: ICM-F04-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2	892.2
2.5°	895.0	895.0	895.9	895.9	896.8	897.8	899.6	898.7	898.7	899.6	899.6
5°	920.2	923.1	922.1	922.1	922.1	923.1	924.0	920.2	916.5	912.7	910.9
7.5°	964.2	966.1	967.9	966.1	967.9	967.0	965.1	954.8	942.7	927.7	917.4
10°	1021.2	1021.2	1023.1	1022.1	1025.9	1023.1	1017.5	994.1	967.9	936.1	912.7
12.5°	1083.0	1089.5	1086.7	1087.6	1095.1	1087.6	1074.5	1039.9	993.2	941.8	900.6
15°	1155.9	1158.7	1160.6	1157.8	1162.4	1155.9	1132.5	1077.3	1009.0	937.0	876.3
17.5°	1215.7	1216.7	1217.6	1219.4	1226.1	1218.5	1178.3	1103.5	1012.8	915.5	835.2
20°	1262.5	1267.2	1270.9	1270.9	1280.3	1269.0	1215.7	1116.7	1000.7	880.0	782.8
22.5°	1311.2	1314.9	1319.5	1320.5	1332.7	1321.4	1246.6	1113.8	968.8	829.5	722.0
25°	1371.0	1374.7	1378.4	1383.2	1400.0	1384.1	1277.5	1102.6	924.9	769.7	656.5
27.5°	1440.2	1448.6	1451.5	1458.9	1478.5	1454.2	1303.6	1085.8	876.3	700.5	587.3
30°	1532.8	1543.1	1546.8	1557.1	1584.2	1530.9	1318.6	1056.8	814.5	630.3	513.4
32.5°	1657.1	1671.2	1682.4	1693.6	1724.5	1607.6	1320.5	1014.7	742.5	551.7	442.3
35°	1819.9	1841.4	1849.8	1857.3	1886.2	1690.8	1312.1	952.0	654.6	471.4	386.2
37.5°	2002.2	2023.7	2029.4	2033.1	2038.7	1761.9	1291.5	856.7	555.5	401.2	341.3
40°	2226.7	2245.4	2252.9	2247.3	2217.3	1817.0	1245.7	745.3	459.2	353.5	313.3
42.5°	2500.7	2528.8	2531.6	2506.3	2407.2	1847.9	1154.1	614.4	383.4	318.9	291.8
45°	2840.2	2838.3	2822.4	2804.7	2613.9	1835.8	1025.9	500.3	335.7	291.8	272.1
47.5°	3145.0	3113.2	3088.9	3036.6	2796.2	1764.7	860.4	414.3	306.7	271.2	255.4
50°	3394.7	3336.8	3285.3	3228.3	2931.8	1638.4	695.8	351.6	279.6	253.4	239.4
52.5°	3592.1	3522.0	3462.1	3406.0	3062.7	1498.1	570.4	305.8	253.4	235.6	221.7
55°	3900.7	3830.5	3735.2	3673.4	3262.9	1369.1	489.1	269.3	228.2	216.9	203.0
57.5°	4681.6	4619.8	4505.8	4345.8	3777.2	1320.5	443.3	241.3	207.6	201.0	189.9
60°	6045.1	5945.0	5796.3	5633.6	4822.8	1353.2	406.8	221.7	193.6	188.0	179.5
62.5°	7073.8	6898.0	6729.6	6579.1	5658.8	1352.3	359.1	206.7	183.3	180.5	172.1
65°	7115.9	6937.3	6767.9	6609.9	5677.5	1203.6	303.0	193.6	181.4	180.5	166.4
67.5°	6738.1	6544.5	6380.8	6181.6	5255.8	940.8	243.2	185.2	188.9	187.1	164.6
70°	6120.8	5868.3	5733.6	5537.2	4625.4	658.3	200.1	188.0	204.8	199.2	167.4
72.5°	4804.1	4613.3	4408.5	4271.9	3621.0	416.2	168.4	189.9	211.4	202.0	174.9
75°	1788.1	1839.5	1755.4	1725.4	1839.5	244.1	149.7	176.7	188.9	174.9	159.0
77.5°	361.0	345.1	327.4	323.5	418.0	150.6	137.5	153.4	144.9	128.1	129.0
80°	173.0	168.4	162.7	161.8	155.3	125.3	127.2	130.9	109.4	99.2	105.7
82.5°	115.1	108.5	106.6	102.9	104.7	112.2	120.7	112.2	84.2	78.5	95.3
85°	53.3	51.4	50.5	50.5	56.1	101.0	100.1	82.3	58.0	56.1	95.3
87.5°	13.1	13.1	14.0	13.1	15.0	30.0	26.1	25.2	21.5	24.3	44.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P180492

CATALOG NUMBER: ICM-F04-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	892.2	892.2	892.2
2.5°	898.7	899.6	898.7
5°	907.2	907.2	907.2
7.5°	907.2	904.3	903.4
10°	894.1	885.6	885.6
12.5°	871.6	857.6	855.7
15°	829.5	810.8	808.0
17.5°	776.2	751.0	746.2
20°	716.4	684.6	679.0
22.5°	650.9	614.4	611.6
25°	586.3	548.9	541.5
27.5°	514.3	477.9	474.1
30°	442.3	410.5	408.7
32.5°	381.6	362.0	358.1
35°	338.5	327.4	322.6
37.5°	310.5	302.0	301.1
40°	288.9	281.5	280.6
42.5°	271.2	264.7	263.7
45°	253.4	247.8	246.0
47.5°	235.6	230.0	229.1
50°	219.8	212.3	211.4
52.5°	204.8	197.3	195.4
55°	190.8	183.3	183.3
57.5°	178.6	171.2	170.2
60°	167.4	159.9	159.0
62.5°	159.0	149.7	148.7
65°	152.5	143.1	141.2
67.5°	148.7	137.5	134.7
70°	155.3	134.7	130.0
72.5°	156.2	131.9	125.3
75°	150.6	124.4	119.7
77.5°	131.9	111.3	106.6
80°	114.0	86.0	79.5
82.5°	108.5	70.1	60.7
85°	84.2	45.9	43.0
87.5°	47.7	25.2	20.6
90°	0.0	0.0	0.0

(END OF REPORT)